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Illinois  
Environmental  
Protection Agency

Division of Public Water Supplies  
2200 Churchill Road  
Springfield, Illinois 62706

33349312

## Groundwater Quality Protection Program

HILLCREST COURT 2nd ADDN.  
FACILITY NUMBER 1615490  
WELL SITE SURVEY REPORT

Division of Public Water Supplies



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GROUNDWATER QUALITY PROTECTION PROGRAM:

HILLCREST COURT 2nd ADDN.  
FACILITY NUMBER 1615490  
WELL SITE SURVEY REPORT

Presented by:

Division of Public Water Supplies

Published by:

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  - D. Detailed Sampling/Monitoring Results
  - E. Well Logs



## INTRODUCTION

This report has been prepared by the Illinois Environmental Protection Agency (Agency) pursuant to Section 17.1 of the Illinois Environmental Protection Act (Act). The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to the groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

## FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Hillcrest Court 2nd Addn. has one public water supply well. The facility produces 3,800 gallons per day to an estimated population of 66. See Table I for a description of the well. The well utilizes a shallow bedrock aquifer which is overlain by permeable bedrock. Permeability is the ability of a soil or sediment to transmit fluids. A detailed description and geologic profile is found in the Facility wells Report (Appendix C).

TABLE 1

Well I.D.	Minimum setback (ft.)	Maximum setback (ft.)	S t a t u s	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft)	Treatment	Aquifer	Well Depth (Ft.)	Well Logs Available
Well #1 (31912)	400	no	A	26 0.04	N/A	Cl., Fl.	Shallow Bedrock	477	yes

A=Active

## GROUNDWATER SAMPLING/MONITORING HISTORY

The public water supply well at Hillcrest Court 2nd Addn. were sampled as part of the Statewide Groundwater Monitoring Network on November 7, 1986. The samples were analyzed for volatile aromatic and organic chemicals (VOC/VOA) and inorganic chemicals (IOC). The VOC/VOA analyses performed detected 1 part per billion of methylene chloride, which was likely to be cause by laboratory contamination. Subsequent monitoring has detected no quantifiable levels of organic chemicals in the well. The IOC analyses performed found the water from the well to meet all groundwater standards. See Appendix D for detailed sampling results.

## SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes and possible problem sites to your water supply well(s). The location of potential sources, routes, possible problem sites, water supply wells, minimum setback zones, and 1,500 foot survey area are all displayed on the aerial photographic map. The first page of each survey consists of a summary description



and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,500 foot radius of the wellhead. A unit is defined as any device, mechanism, equipment, or area (exclusive of land utilized for agricultural production). The Agency five-digit well number is associated with a unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

#### Survey Results and Findings:

The well site survey of Hillcrest Court 2nd Addn. was conducted on August 27, 1992 by Dave McMillan, Environmental Protection Specialist from the Agency's Springfield Office. The following describes the results and findings for Hillcrest Court 2nd Addn.

Hillcrest Court 2nd Addn. Well #1 (31912). The survey area is rural consisting of moderate density residential housing and woodlands and open space. There are no visible potential sources, routes, or possible problem sites located within the minimum setback zone (200 ft.) or in the survey area (1500 ft.). The Hillcrest Court 2nd Addn. is served by private septic systems.

#### SUMMARY

The well site survey conducted found no potential sources, routes, or possible problem sites within the minimum setback zone, or the survey area. The sampling and monitoring conducted to date has detected no contamination in the groundwater utilized by the facility.

The Act provides minimum protection zones for your well. These minimum protection zones are regulated by the Agency. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the control would then be assumed by the local officials through adoption of a maximum setback zone ordinance.

#### RECOMMENDATIONS

The Agency strongly urges Hillcrest Court 2nd Addn. to consider establishing a maximum setback zone ordinance for its well. Maximum setback zones prohibit the siting of new potential primary sources of groundwater contamination up to 1000 feet from the wellhead. To aid you in the development of further regulatory coverage for your well supply, the Agency prepared a "Maximum Setback Zone Workbook" that provides detailed case studies of how to establish maximum setback zones. This text and further technical assistance is readily available from the Agency and the Illinois State Water Survey.

Local governments are also encouraged to consider conducting groundwater protection needs assessments. Any county or municipality having a population less than 25,000 or 5,000 persons respectively, may request the Agency to conduct a hazard review in lieu of a need's assessment. The Agency may issue an "advisory of groundwater contamination hazard" if a significant hazard to the public health or the environment exists.

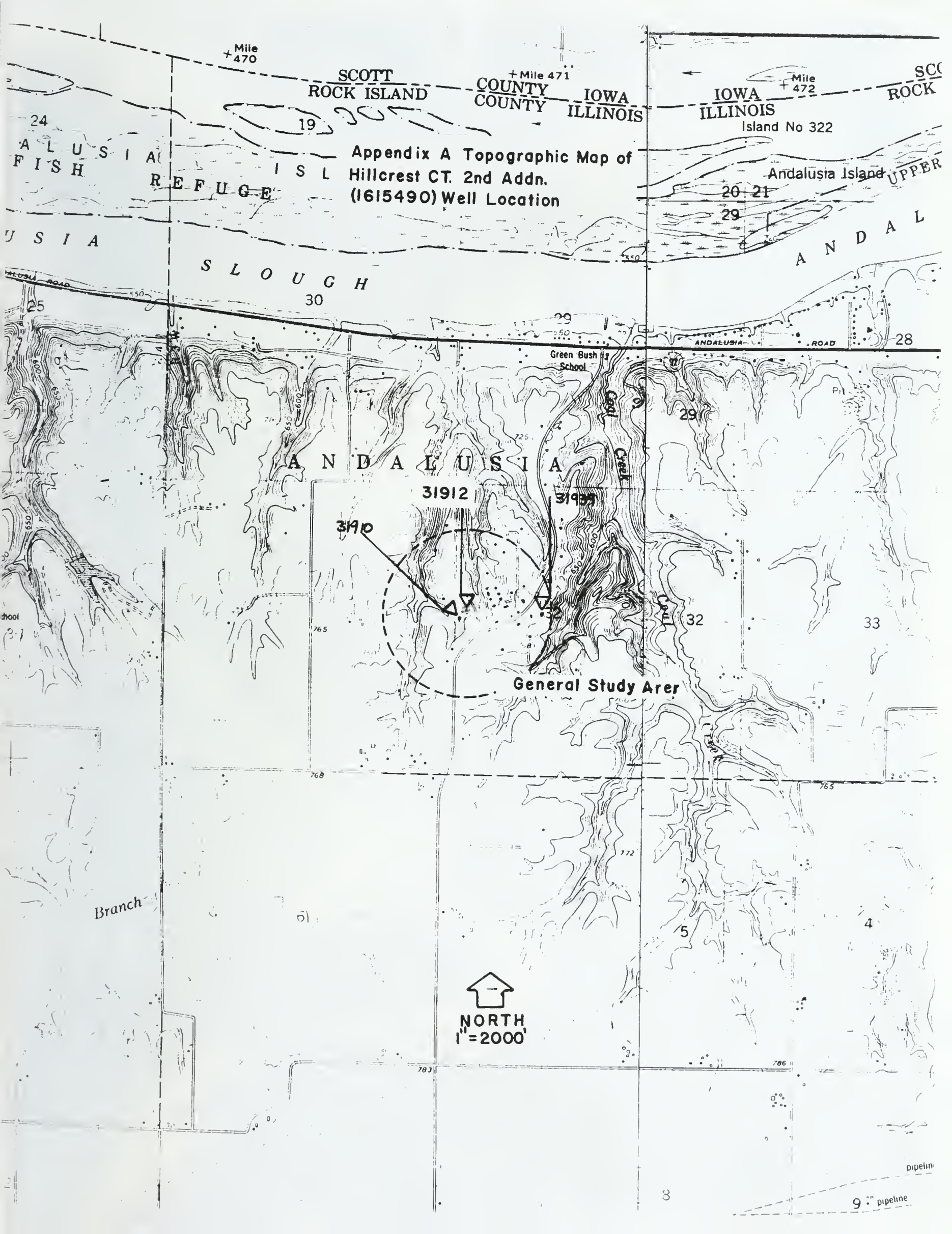


## TECHNICAL APPENDICES



## APPENDIX A





SCOTT COUNTY IOWA  
ROCK COUNTY ILLINOIS

IOWA ILLINOIS  
SCOTT COUNTY IOWA

Appendix A Topographic Map of  
Hillcrest CT. 2nd Addn.  
(1615490) Well Location

ALUSIA FISH REFUGE

Andalusia Island

ANDALUSIA SLOUGH

ANDALUSIA

ANDALUSIA

General Study Area

NORTH  
1"=2000'

Branch

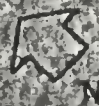
9" pipeline





APPENDIX B  
Aerial Photographic Map

1615850  
31939



HILLCREST SBDV.

1615510

HILLCREST CT. 2nd ADDN.

1615490

WINDING CREEK ESTS.

1615850

1"=400'



APPENDIX B  
Aerial Photographic Map

1615490  
31912

1615850  
31939

1615510  
31910

HILLCREST SBDV

1615510

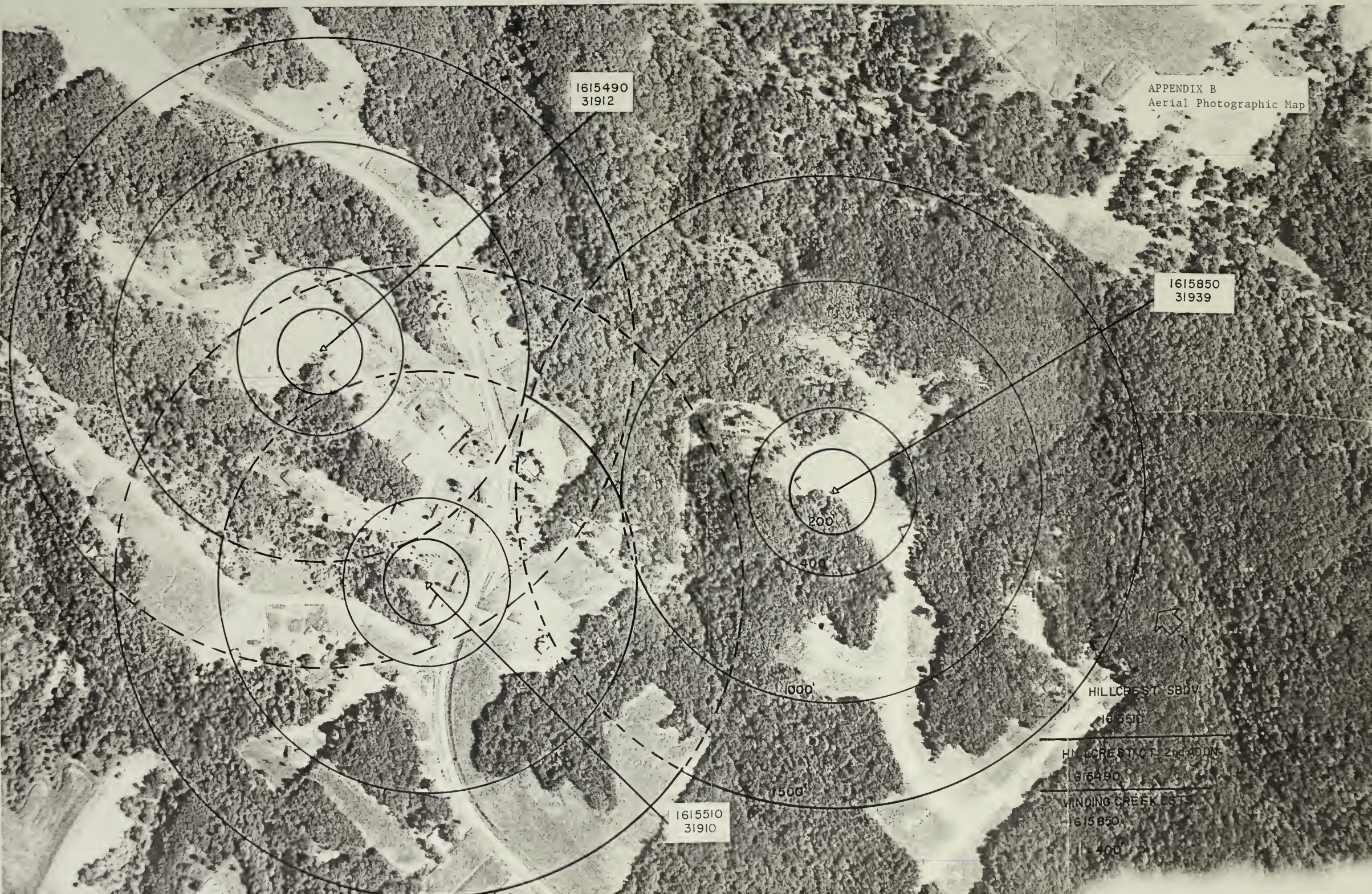
HILLCREST CT. 2nd ADDN

1615490

WINDING CREEK EST.

1615850

400'





APPENDIX B1-HILLCREST COURT 2nd ADDN. WELL #1 (#31912)  
WELL SITE SURVEY SUMMARY DESCRIPTION  
AND GEOLOGIC PROFILE

SURVEYOR: McMILLAN  
SURVEY DATE: 8-27-92  
ADDRESS: Hillcrest Court 2nd Addn.  
c/o Randall Goddard  
9219 141st Street West  
Taylor Ridge, Il. 61284

AGENCY WELL NO.: 31912  
WELL NAME & DESCRIPTION: Well #1

TAP: 01  
FACILITY NO. & NAME: 1615490, Hillcrest Court 2nd Addn.  
FACILITY PHONE CONTACT: (309) 372-8412

LOCATION:  
TWP, RNG, SECTION, 10 ACRE PLOT: 17N, 03W, 32, 7G  
DISTANCE FROM CORNER SECTION: 1250 S, 1050 E  
QUAD SHEET CODE & NAME: 069A, Montpelier Quad

MINIMUM SETBACK: 400 ft.  
MAXIMUM SETBACK: none

GEOLOGIC SUSCEPTIBILITY RATING: A1: permeable bedrock at or within 20  
ft. of surface, variable overlying material

AGE OF WELL: 1975  
WELL DEPTH: 477 ft.  
DEPTH OF CASING: 220 ft.

AQUIFER CODE: 5156 - Shallow Bedrock  
MULTIPLE AQUIFER (Y, N): No

SUMMARY DESCRIPTION OF 1,000 FT. RADIUS AREA: survey area is rural  
consisting partly of moderate density residential housing and  
partly of woodlands and open space

INTERVIEW(S):  
NAME-AFFILIATION-ADDRESS-TELEPHONE NO.

APPENDIX B1-HILLCREST COURT 2nd ADDN. WELL #1 (#31912)  
INVENTORY AND SYNOPSIS OF UNIT(S)

---

CLASSIFICATION KEY

INSIDE MINIMUM ZONE	OUTSIDE MINIMUM ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

---

---

WELL NO. - MAP CODE - CLASSIFICATION:

NAME & ADDRESS OF UNIT OWNER:

DESCRIPTION & COMMENTS: NO VISIBLE POTENTIAL SOURCES, ROUTES, OR POSSIBLE  
PROBLEM SITES

PRE OR POST (Y or N):

DISTANCE & DIRECTION:

---

## APPENDIX C





FACILITY: 1615490 HILLCREST COURT 2ND ADDN

----- OWNER ----- OFFICIAL CUSTODIAN -----

RANDALL GODDARD

9219-141 ST. WEST

TAYLOR RIDGE IL 61284

WELL: 31912 WELL 1 26GPM  
LATITUDE: N41 25 39.0

LONGITUDE: W090 45 30.0

TWP: DEPTH(FT):  
RNG: SEC: PLOT:

SUSCEPTIBILITY - LAND BURIAL: A1 SUSCEPTIBILITY - LAND SPREADING: C2 --- MINIMUM SETBACK(FT): 0400 ---

SUSCEPTIBILITY CODES

LAND BURIAL: A1 = PERMEABLE BEDROCK AT OR WITHIN 20 FEET OF LAND SURFACE, VARIABLE OVERLYING MATERIALS.  
LAND SPREADING: C2 = SAND AND GRAVEL WITHIN 20 FT OF SURFACE, OVERLAIN AND UNDERLAIN BY RELATIVELY IMPERMEABLE TILL, OTHER FINE-GRAINED MATERIAL, AND/OR BEDROCK.



## APPENDIX D



FACILITY: 1615490 HILLCREST COURT 2ND ADDN  
TAP:  
RAW SRCE:

STATUS: A  
STATUS:  
STATUS:

PUBLIC: Y

COMM: Y

TYPE WATER: G

PAGE: 323  
DATE: 08/01/94

SAMPLE NO: 800673000  
SMPL TYPE: RAW  
SMPL PURP: 3-REPLACE  
SMPL PROG: C-CHEMICAL OBSRVATNS:  
LOCATION: HILLCREST CT 2ND ADDN WELL  
COLLECTOR: D MUELLER  
COMMENTS:  
OBSRVATNS:  
COLL DATE: 05/08/90  
LAB RCVD: 05/09/90  
LAB COMPL: 07/12/90  
SMPL PERIOD: 05/90  
DELIVERED BY: CF  
RECEIVED BY: MAD  
LAB SUPERVISOR: RPF  
FUND CODE: PW30

ANALYSIS RSLT NO NO DESCRIPTION

STORET-----		UNITS		RESULT		STANDARDS-----		TRIGGER	
ID	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	LEVEL	
100T000	001	00403	PH LABORATORY UNITS	UNITS	7.400				
101T000	001	00095	CONDUCTIVITY(CE)-LAB(UHOS)/CM @ 25 C	UM/CM	673.000				
102T000	001	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	MG/L	390.000				
103T000	001	00410	ALKALINITY, TOTAL MG/L AS CACO3	MG/L	361.000				
105T000	001	00900	HARDNESS, ETA MG/L AS CACO3	MG/L	218.000				
107T000	001	00951	FLUORIDE, TOTAL MG/L AS F	MG/L	0.710	4.000			
108T000	001	00940	CHLORIDE, TOTAL MG/L AS CL	MG/L	4.000				
109T000	001	00945	SULFATE, TOTAL MG/L AS SO4	MG/L	17.000				
110T000	001	00630	NITRATE & NITRITE TOTAL MG/L AS N	MG/L	0.100	10.000			
111T000	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N	MG/L	1.300				
114T000	001	00956	SILICA, TOTAL MG/L AS SIO2	MG/L	11.000				
116T000	001	00720	CYANIDE, TOTAL MG/L AS CM	MG/L	0.005	0.200			
144T000	001	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	UG/L	1.000	50.000			
151T100	001	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	UG/L	0.100	50.000			
153T000	001	71900	MERCURY, TOTAL UG/L AS HG	UG/L	5.000	2.000			
155T000	001	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	UG/L	1.000	10.000			
177T100	001	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	MG/L	53.300				
177T100	002	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	MG/L	23.800				
177T100	003	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	MG/L	80.800				
177T100	004	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	MG/L	3.380				
177T100	005	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	UG/L	50.000				
177T100	006	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	UG/L	20.000	1000.000			
177T100	007	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	UG/L	16.000				
177T100	008	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	UG/L	1.000				
177T100	009	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP	UG/L	3.000	10.000			
177T100	010	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP	UG/L	5.000	50.000			
177T100	011	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	UG/L	5.000	5000.000			
177T100	012	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	UG/L	5.000				
177T100	013	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	UG/L	50.000	1000.000			
177T100	014	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	UG/L	5.000	150.000			
177T100	015	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	UG/L	5.000				
177T100	016	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	UG/L	5.000	50.000			
177T100	017	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	UG/L	28.000				
177T100	018	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	UG/L	5.000				
177T100	019	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	UG/L	50.000	5000.000			
177T100	020	82394	HARDNESS, CALC - MG/L	MG/L	231.000				

FACILITY: 1615490 HILLCREST COURT 2ND ADDN  
TAP: 01 WELLSITE 1  
RAW SRCE: 31912 WELL 1 26GPM

STATUS: A  
STATUS: A  
STATUS: A

COLL DATE: 11/07/86  
LAB RCVD: 00/00/00  
LAB COMPL: 00/00/00  
SMPL PERIOD: 11/86

DELIVERED BY:  
RECEIVED BY:  
LAB SUPERVISOR:  
FUND CODE:

SAMPLE NO: Z002633  
SMPL TYPE: RAW  
SMPL PURP: S-SPEC/OTHR  
SMPL PROG: I-GWM INORG OBSRVATNS

LOCATION: WELL  
COLLECTOR: IEPA SMPL COLLECTOR  
COMMENTS:

ANALYSIS		STRET		STRET		UNITS	RESULT	STANDARDS		TRIGGER
ID	NO	NO	NO	DESCRIPTION				DRINK WTR	RAW WTR	
0000001	001	00610		NITROGEN, AMMONIA TOTAL MG/L AS N			1.200			
0000001	002	00630		NITRATE & NITRITE TOTAL MG/L AS N			0.100 <	10.000		
0000001	003	00665		PHOSPHORUS, TOTAL MG/L AS P			0.010 <			
0000001	004	00720		CYANIDE, TOTAL MG/L AS CN			0.010 <	0.200		
0000001	005	00916		CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			45.000			
0000001	006	00927		MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP			24.000			
0000001	007	00929		SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP			70.000			
0000001	008	00937		POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP			2.800			
0000001	009	00940		CHLORIDE, TOTAL MG/L AS CL			3.800			
0000001	010	00945		SULFATE, TOTAL MG/L AS SO4			18.000			
0000001	011	00951		FLUORIDE, TOTAL MG/L AS F			3.650	4.000		
0000001	012	00956		SILICA, TOTAL MG/L AS S102			10.000			
0000001	013	01002		ARSENIC, TOTAL RECOVERABLE UG/L AS AS			1.000 <	50.000		
0000001	014	01007		BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP			208.000	1000.000		
0000001	015	01012		BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP			0.500 <			
0000001	016	01022		BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP			221.000			
0000001	017	01027		CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB			3.000 <	10.000		
0000001	018	01034		CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB			5.000 <	50.000		
0000001	019	01037		COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP			5.000 <			
0000001	020	01042		COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP			5.000 <	5000.000		
0000001	021	01045		IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP			799.000	1000.000		
0000001	022	01051		LEAD, TOTAL RECOVERABLE UG/L AS PB			5.000 <	50.000		
0000001	023	01055		MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP			10.000	150.000		
0000001	024	01067		NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP			5.000 <			
0000001	025	01077		SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP			3.000 <	50.000		
0000001	026	01082		STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP			280.000			
0000001	027	01087		VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP			5.000 <	5000.000		
0000001	028	01092		ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP			50.000 <			
0000001	029	01105		ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP			59.000			
0000001	030	01147		SELENIUM, TOTAL RECOVERABLE UG/L AS SE			1.000 <	10.000		
0000001	031	32730		PHENOLS, TOTAL RECOVERABLE UG/L			5.000 <			
0000001	032	70300		RESIDUE, TOTAL FILTERABLE @180 C, MG/L			380.000			
0000001	033	71900		MERCURY, TOTAL UG/L AS HG			0.050 <	2.000		
0000001	034	00010		WATER TEMPERATURE DEG C			14.500			
0000001	035	00059		FLOW (PUMPING) RATE GAL/MIN			15.000			
0000001	036	00400		PH PH UNITS			7.400			
0000001	037	72004		FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN			5.000			
0000001	038	90410					368.000			

SAMPLE NO: 8011407  
LOCATION: WELL #1

COLL DATE: 08/27/81  
DELIVERED BY:



\*\*\* CONTINUED \*\*\*

SMPL TYPE: RAW  
SMPL PURP: 1-ROUTINE  
SMPL PROG: 1-6WM INORG OBSRVATNS:  
COLLECTOR: JOHN JOHANSEN  
COMMENTS:

LAB RCVD: 10/15/81  
LAB COMPL: LAB SUPERVISOR:  
SMPL PERIOD: 08/81 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION  
ID NO NO DESCRIPTION  
-----STORET-----  
UNIT TRIGGER  
-----STANDARDS-----  
DRINK WTR RAW WTR LEVEL

00095	CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C			
00403	PH LABORATORY UNITS			
00410	ALKALINITY, TOTAL MG/L AS CaCO3			
00610	NITROGEN, AMMONIA TOTAL MG/L AS N			
00630	NITRATE & NITRITE TOTAL MG/L AS N			
00720	CYANIDE, TOTAL MG/L AS CM			
00900	HARDNESS, EDTA MG/L AS CaCO3			
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP			
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP			
00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP			
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP			
00940	CHLORIDE, TOTAL MG/L AS CL			
00945	SULFATE, TOTAL MG/L AS SO4			
00951	FLUORIDE, TOTAL MG/L AS F			
00956	SILICA, TOTAL MG/L AS SiO2			
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS			
01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP			
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP			
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP			
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICB			
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICB			
01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP			
01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP			
01045	IRON, TOTAL RECOVERABLE UG/L AS Fe ANAL BY ICP			
01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb			
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP			
01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP			
01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP			
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP			
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP			
01092	ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP			
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS Se			
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L			
70304	TOTAL DISSOLVED SOLIDS MG/L BY EC			
71200	MERCURY, TOTAL UG/L AS Hg			

SAMPLE NO: Z002632  
SMPL TYPE: RAW  
SMPL PURP: 5-SPEC/OTHR  
SMPL PROG: V-VOC  
LOCATION: WELL  
COLLECTOR: IEPA SMPL COLLECTOR  
COMMENTS:  
OBSRVATNS:

COLL DATE: 11/07/86  
LAB RCVD: 00/00/00  
LAB COMPL: 00/00/00  
SMPL PERIOD: 11/86  
DELIVERED BY:  
RECEIVED BY:  
LAB SUPERVISOR:  
FUND CODE:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF PUBLIC WATER SUPPLIES  
SELECTED SAMPLE EXPANDED REPORT

PAGE: 326  
DATE: 08/01/94

REPORT: PWGWP048  
MODULE: PWGWM026

FACILITY: 1615490 HILLCREST COURT 2ND ADDN

\*\*\* CONTINUED \*\*\*

ANALYSIS ID	RSLT NO	NO	DESCRIPTION	UNITS	RESULT	STANDARDS		TRIGGER LEVEL
						DRINK WTR	RAW WTR	
0000001	001	32101	BROMODICHLOROMETHANE UG/L GC/MS		1.000 <			
0000001	002	32102	CARBON TETRACHLORIDE UG/L GC/MS		1.000 <	5.000		
0000001	003	32103	1,2-DICHLOROETHANE UG/L		1.000 <	5.000		
0000001	004	32104	BROMOFORM UG/L GC/MS		1.000 <			
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS		1.000 <			
0000001	006	32106	CHLOROFORM UG/L GC/MS		1.000 <	1000.000		
0000001	007	34010	TOLUENE UG/L		1.000 <	5.000		
0000001	008	34030	BENZENE UG/L		1.000 <	100.000		
0000001	009	34301	CHLOROBENZENE UG/L		1.000 <	700.000		
0000001	010	34371	ETHYLBENZENE UG/L		1.000 <	5.000		
0000001	011	34423	METHYLENE CHLORIDE UG/L		1.000 <	5.000		
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS		1.000 <			
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS		1.000 <	7.000		
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS		1.000 <	200.000		
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS		1.000 <	100.000		
0000001	016	34543	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS		1.000 <	5.000		
0000001	017	39180	TRICHLOROETHYLENE UG/L		1.000 <			
0000001	018	00010	WATER TEMPERATURE DEG C		14.500			
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN		15.000			
0000001	020	00400	PH PH UNITS		7.400			
0000001	021	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN		5.000			
0000001	022	90410			368.000			

APPENDIX E



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

## DIVISION OF PUBLIC WATER SUPPLIES

### Inventory Sheet

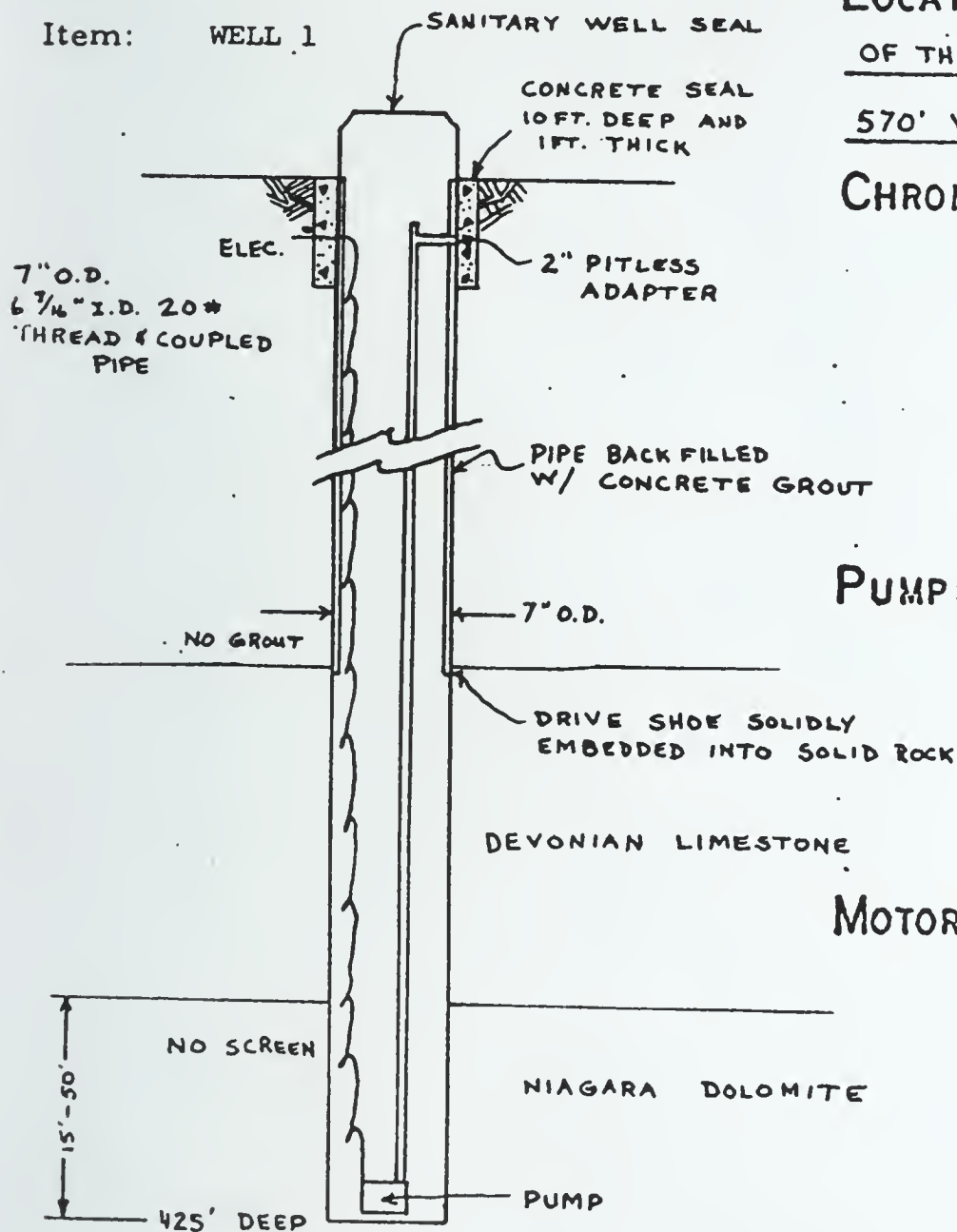
Supply: ROCK ISLAND COUNTY - HILLCREST COURT 2nd ADDN. SUBDIVISION  
Date inventoried 3/25/76  
Sheet 23 of 29

LOCATION: SEC 32 T 17N R 3W  
OF THE 4TH P.M. N.W.  $\frac{1}{4}$  650' SOUTH  
570' WEST OF N.W. CORNER

CHRONOLOGY: DRILLED 1975  
PUMP REPLACED 1989

PUMP: RED JACKET SUBMERSIBLE  
15 GPM @ 120 PSI  
26 48

MOTOR: 1 1/2 H.P., SINGLE PHASE  
220 VOLT



### PRODUCTION DATA:

DATE							
STATIC LEVEL-FT							
PUMPING LEVEL-FT							
PUMPING RATE-GPM							
SPECIFIC CAPACITY							







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